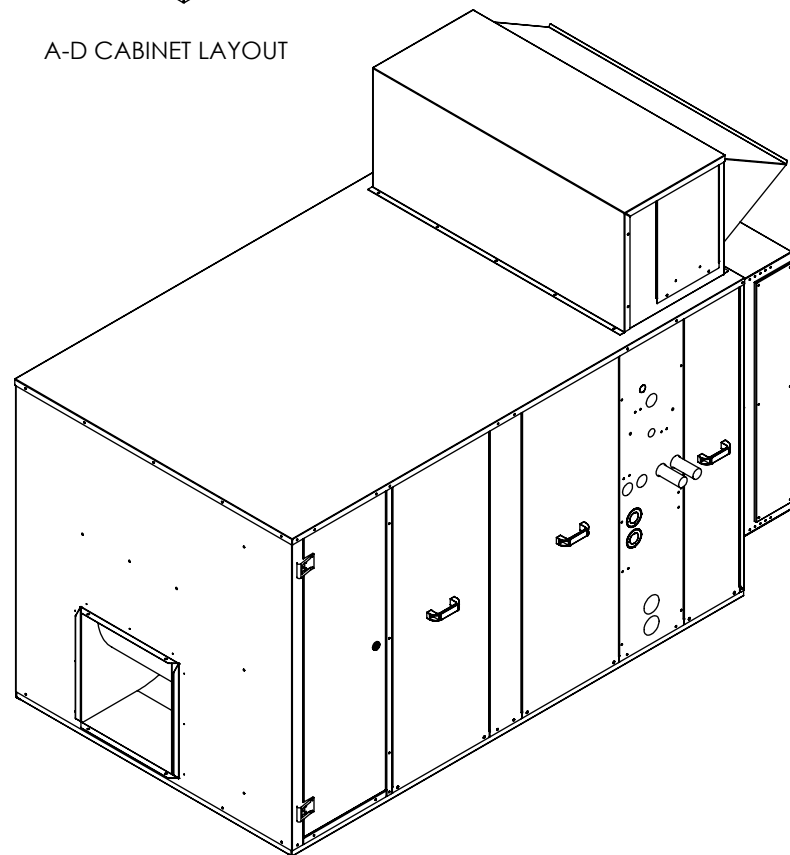


A-D CABINET LAYOUT



E CABINET LAYOUT

CABINET / COMPONENT CONFIGURATION MATRIX									
	STANDARD (NO HEAT OR WC OPTIONS)	ELECTRIC HEATER (INTEGRAL)	HOT WATER COIL	1 EACH H ₂ O COOLED CONDENSER (CO-AXIAL)	2 EACH H ₂ O COOLED CONDENSER (CO-AXIAL)	ELECTRIC HEAT w/ 1 EA. H ₂ O COOLED CONDENSER (CO-AXIAL)	HOT WATER COIL w/ 1 EA. H ₂ O COOLED CONDENSER (CO-AXIAL)	ELECTRIC HEAT w/ 2 EA. H ₂ O COOLED CONDENSERS (CO-AXIAL)	HOT WATER COIL w/ 2 EA. H ₂ O COOLED CONDENSERS (CO-AXIAL)
LC01	A			B					
LC02	A			B					
LC03	A			B					
LC04 3 PHASE	B	B	B	C					
LC04 1 PHASE		C							
LC05 3 PHASE		B							
LC05 1 PHASE		C							
LC06	C			D					
LC08 3 PHASE	C								
LC08 1 PHASE	C								
LC10	D			E					
LC12	D								
LC15	D								

THIS MATRIX WILL PROVIDE THE CABINET SIZE WHEN SELECTING OPTIONS FOR YOUR UNIT.

EXPERT AIRE FILTER INFORMATION				
LC CABINET	R/A		DESERT AIRE PART NUMBER	
	FILTER SIZE	QTY	4" FILTER	DEACTIVATOR, 1"
A	20x25	1	870-079	872-002
B	20x20	2	870-112	872-003
C	16x20	4	870-080	872-005
D	20x25	4	870-079	872-002
E				

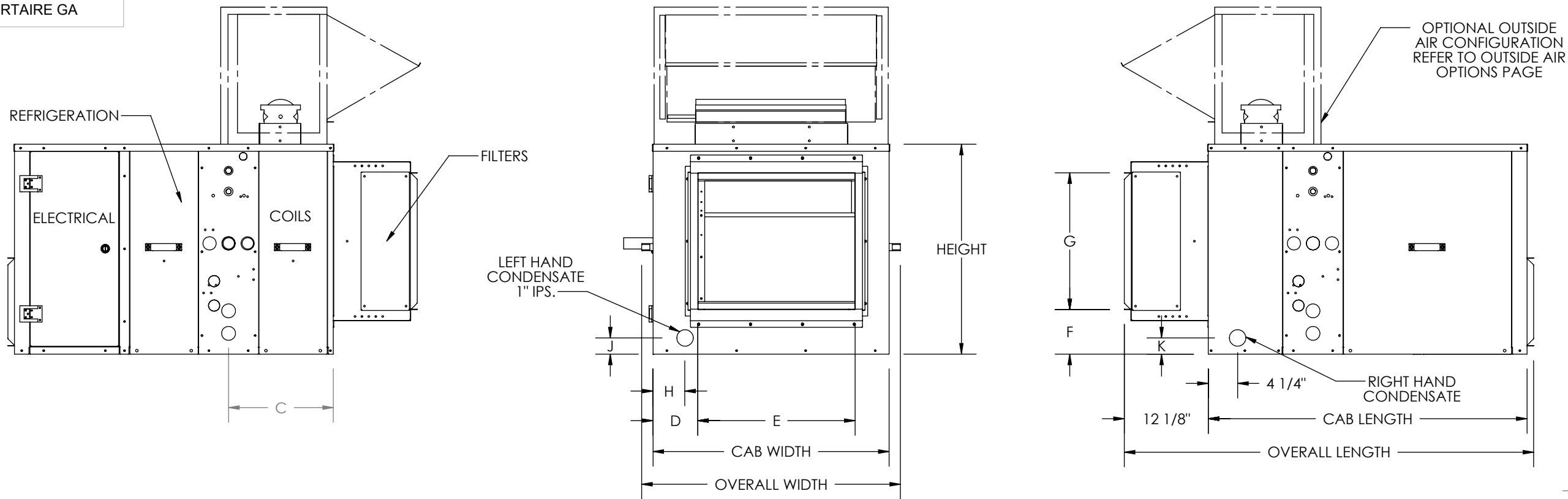
OUTSIDE AIR BOX FILTERS				
LC CABINET	FILTER SIZE	QTY	INDOOR 1" FILTER (PAPER)	OUTDOOR 1" FILTER (ALUMINUM)
A	16x16x1	2	870-001	870-055
B				
C				
D	16x16x1	3	870-001	870-055
E				

LEGEND

----- INDICATES OPTIONAL COMPONENTS

Rev #	Description	Date	Initials	ECN #
13	UPDATED CONNECTION SIZES & LOC, SHT 2	6/2/2014	ASV	2346
12	RESTORED REFERENCE DIMENSIONS FOR SHT 2 DIMS A, B, H, J, & K AND SHT 4 DIMS C4 & D4.	3/7/2012	RW	1809
11	UPDATE UNIT WEIGHTS & CONNECTION LINE SIZES, SHT 2	1/11/2012	RW	1776
10	ADD LV04 TO ALL TABLES	4/22/2010	RP	1624
9	UPDATED PG1 MATRIX, ADD LC06 D CAB CONFIG INFO	3/27/2008	RW	1399
8	SHT 1, FILTER PART NO.; SHT 2, FILTER RACK DIMS	8/31/2007	DAH	1316
7	UPDATED PG1 & PG 2 MATRICES	6/21/2007	DAH	1287
6	UPDATED CAB DIMS FOR BASE PAN MODS, SHTS 2&3	4/24/2007	DAH	1265
5	UPDATED CONNECTION SIZES, SHT 2	4/24/2007	DAH	1264

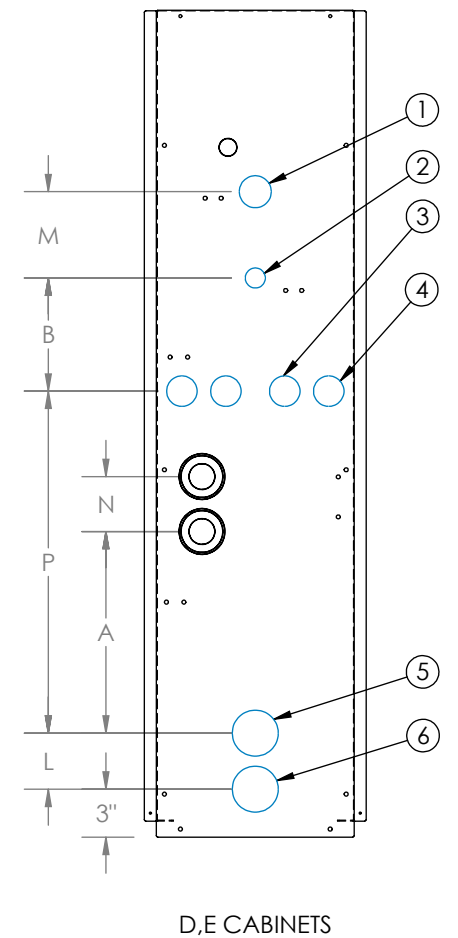
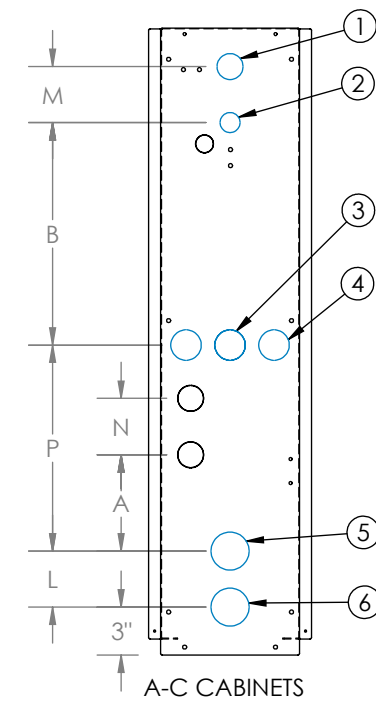
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ALL DIMENSIONS ARE IN INCHES TOLERANCE ± 1/8"	Third Angle Projection	Sheet 1/4	Page Title EXPERTAIRE G.A. PAGE (1)
		Scale NTS	Rev. 13



OPTIONAL OUTSIDE AIR CONFIGURATION REFER TO OUTSIDE AIR OPTIONS PAGE

① WEIGHTS SHOWN REFLECT FULLY OPTIONED ESTIMATED UNIT WEIGHT

	OVERALL WIDTH	OVERALL LENGTH	CABINET HEIGHT	CABINET WIDTH	CABINET LENGTH	A	B	C	D	E	F	G	H	J	K	L	M	N	P
CAB A: LC01	37 1/4	59 1/4	30 3/8	34 3/8	46 1/4	3/4	10 1/2	15 1/8	6 1/2	22 3/4	6 1/2	19 3/4	4 5/8	2 3/8	2 3/8	3 1/4	3	3 1/2	6 3/4
CAB A: LC02				7 1/2			9 3/4												
CAB A: LC03				7 1/2			9 3/4												
CAB B: LC01	48 1/4	59 1/4	30 3/8	45 3/8	46 1/4	3/4	10 1/2	15 1/8	6 1/2	22 3/4	6 1/2	19 3/4	4 5/8	2 3/8	2 3/8	3 1/4	3	3 1/2	6 3/4
CAB B: LC02				7 1/2			9 3/4												
CAB B: LC03				7 1/2			9 3/4												
CAB B: LC04	50 1/4	72 1/4	39 7/8	47 3/8	59 1/4	-	4 1/8	15 7/8	6	37 1/8	4 5/8	31 1/2	3 7/8	4 7/8	4 3/8	3 1/2	4	-	10 1/2
CAB B: LC05							6												12 7/8
CAB B: LC04							10 1/2												12 7/8
CAB C: LC04	56 1/8	77 1/8	52 7/8	53 1/4	64 1/8	-	6	17 3/4	3 1/8	47 1/8	9 1/2	39 1/2	5 3/8	4 7/8	-	3 1/2	4	3 1/2	15 1/8
CAB C: LC05							6 1/2												17 7/8
CAB C: LC06							6												17 7/8
CAB C: LC08	99 3/4	99 3/4	52 7/8	53 1/4	64 1/8	-	10 1/2	17 3/4	3 1/8	47 1/8	9 1/2	39 1/2	5 3/8	4 7/8	-	3 1/2	4	3 3/8	21 3/8
CAB C: LC08							12 5/8												21 3/8
CAB C: LC15							7 1/8												21 3/8



#	DESCRIPTION OF LABELED AREAS	LC01	LC02	LC03	LC04	LC05	LC06	LC08	LC10	LC12	LC15
1	REFRIGERATION HOT GAS (TUBE)	3/8	1/2	5/8	3/4			7/8		1 1/8	
2	REFRIGERATION LIQUID (TUBE)		3/8	1/2			5/8				
3	HOT WATER INLET (Cu TUBE O.D.)	1 5/8									
4	HOT WATER OUTLET (Cu TUBE O.D.)										
5	POOL SPA OUTLET SCH 80 CPVC PIPE (IPS)	1/2	3/4	1	1 1/4			1 1/2			
6	POOL SPA INLET SCH 80 CPVC PIPE (IPS)										

NOMINAL TONNAGE	WEIGHT (LBS) ①
LC01	590
LC02	630
LC03	800
LC04	950
LC05	1000
LC06	1230
LC08	1300
LC10	1600
LC12	1600
LC15	2050

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ALL DIMENSIONS ARE IN INCHES
TOLERANCE ± 1/8"

All Dimensions in Inches
All Angles 90°
All outside corners 0.125" fillet
Unless Otherwise Specified

Third Angle Projection

Part weight
N/A

Tolerance Unless Otherwise Specified
X.X ±.125
X.XX ±.060
X.XXX ±.030
Angles ±1°

Drawn
CLB

Date Released
11/20/2006

Sheet
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Scale
NTS

DESSERT AIRE

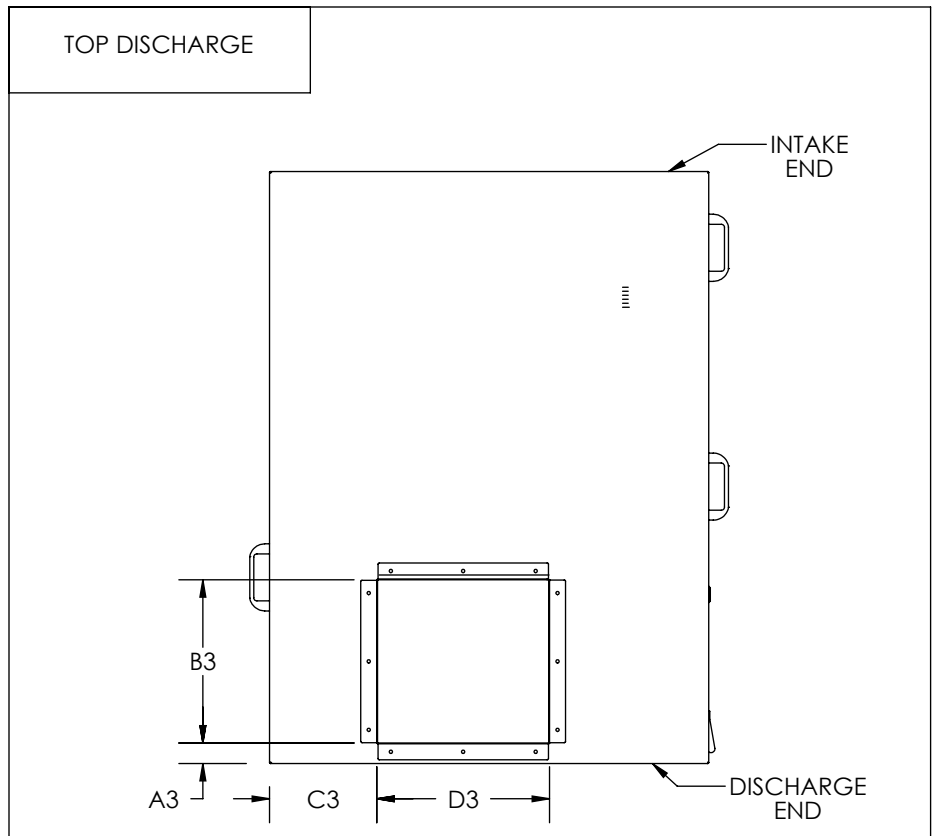
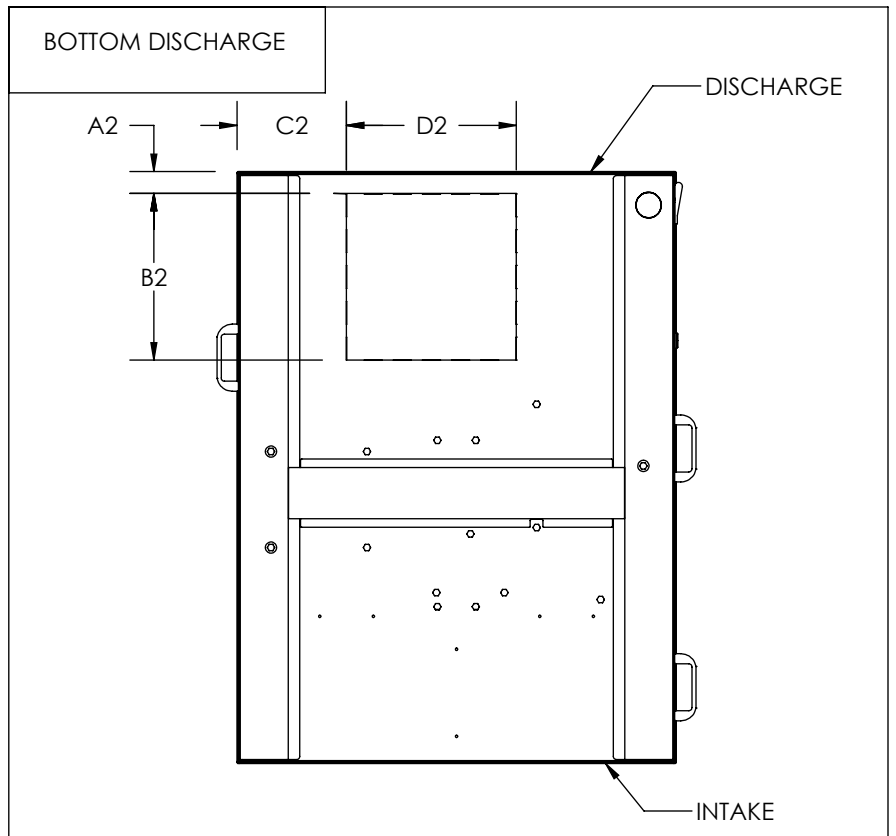
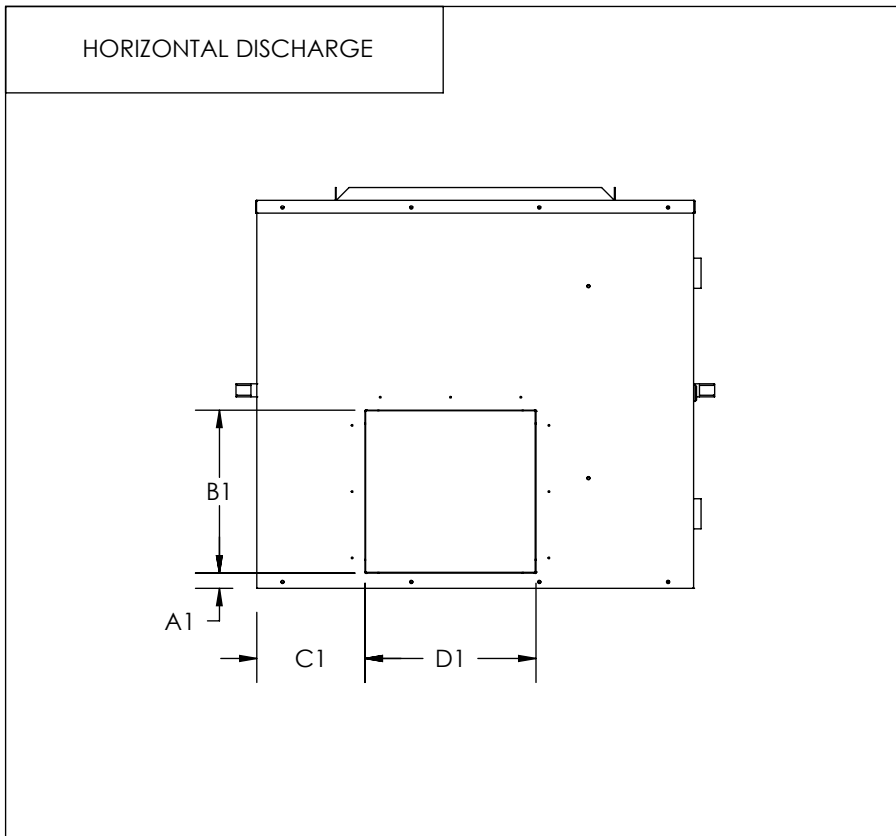
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Description
EXPERTAIRE LAYOUT

Page Title
EXPERTAIRE G.A. PAGE (2)

Drawing Number
EXPERTAIRE GA

Rev.
13



DIMENSIONS TO OUTSIDE OF FLANGE

DIMENSIONS TO OUTSIDE OF FLANGE

HORIZONTAL DISCHARGE				
UNIT SIZE	A1	B1	C1	D1
CAB A: LC01	1 1/4	12 3/4	7 1/2	13 3/8
CAB A: LC02				
CAB A: LC03				
CAB B: LC01				
CAB B: LC02				
CAB B: LC03	13 3/4	14	15 7/8	
CAB B: LC04				
CAB B: LC05				
CAB C: LC04	1 3/4	16 1/8	7	16 3/8
CAB C: LC05				
CAB C: LC06				
CAB C: LC08				
CAB D: LC06	2 1/4	19 1/8	9	18 7/8
CAB D: LC08				
CAB D: LC10				
CAB D: LC12				
CAB E: LC15				

BOTTOM DISCHARGE				
UNIT SIZE	A2	B2	C2	D2
CAB A: LC01	1 1/4	13	7 1/2	6 7/8
CAB A: LC02				9 7/8
CAB A: LC03				13 1/4
CAB B: LC01		14 1/8	14 1/8	6 7/8
CAB B: LC02				9 7/8
CAB B: LC03	13 1/4			
CAB B: LC04	1 5/8	15 3/4	15 3/4	
CAB B: LC05				
CAB C: LC04				
CAB C: LC05	16 1/4	7	13 1/8	
CAB C: LC06			16 1/4	
CAB C: LC08			13 1/8	
CAB D: LC06			16 1/4	
CAB D: LC08	9	16 1/4	18 3/4	
CAB D: LC10			17 1/2	
CAB D: LC12				
CAB E: LC15	16 1/4			

TOP DISCHARGE					
UNIT SIZE	A3	B3	C3	D3	
CAB A: LC01	1 1/4	12 7/8	7 1/2	13 1/2	
CAB A: LC02					
CAB A: LC03					
CAB B: LC01		13 7/8	14	16	
CAB B: LC01					
CAB B: LC02					
CAB B: LC03	1 5/8	16 1/4	7	16 1/2	
CAB B: LC04					
CAB B: LC05					
CAB C: LC04					
CAB C: LC05					
CAB C: LC06	16 1/4	7	16 1/2		
CAB C: LC08					
CAB D: LC06				9	19
CAB D: LC08					
CAB D: LC10					
CAB D: LC12	19 1/4				
CAB E: LC15					

NOTES:

FILTER RACK HAS BEEN REMOVED FOR CLARITY

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All Dimensions in Inches
All Angles 90°
All outside corners 0.125" fillet
Unless Otherwise Specified

Tolerance Unless Otherwise Specified
X.X ±.125
X.XX ±.060
X.XXX ±.030
Angles ±1°



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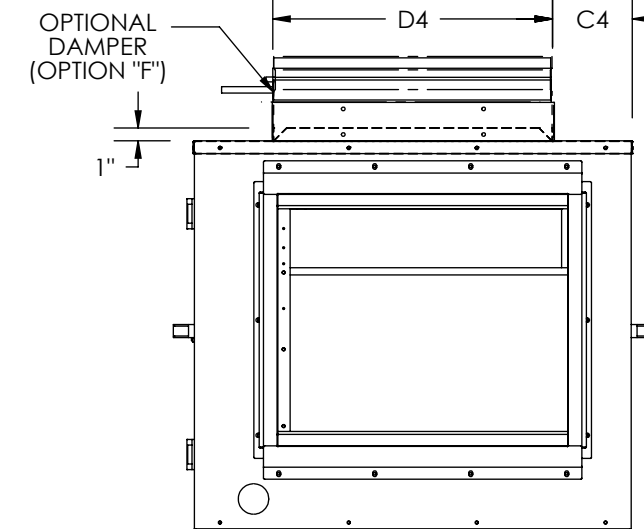
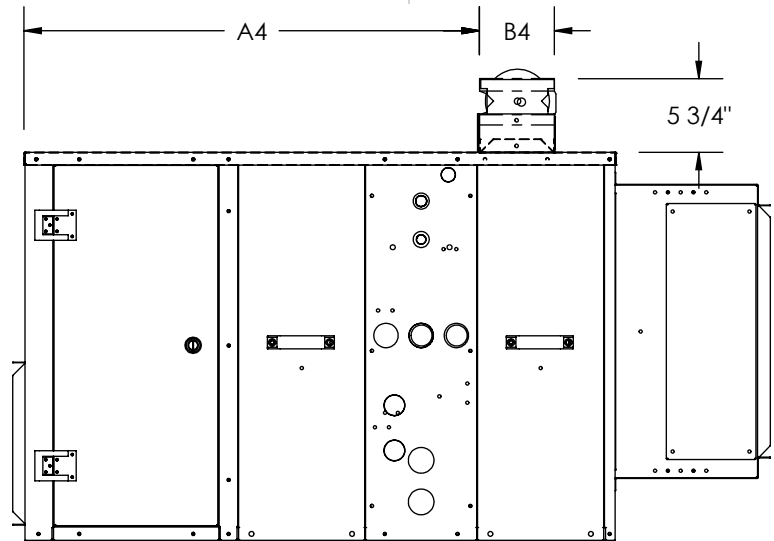
Third Angle Projection

ALL DIMENSIONS ARE IN INCHES
TOLERANCE ± 1/8"

Part weight
N/A

Drawn CLB	Date Released 11/20/2006	Description DISCHARGE OPTIONS
Sheet 3/4	Page Title EXPERTAIRE G.A. PAGE (3)	
Scale NTS	Rev. 13	Drawing Number EXPERTAIRE GA

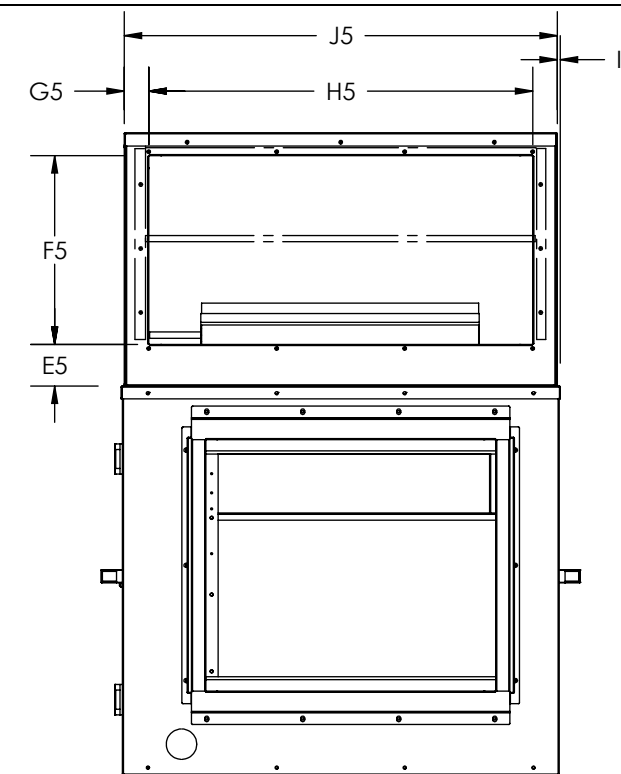
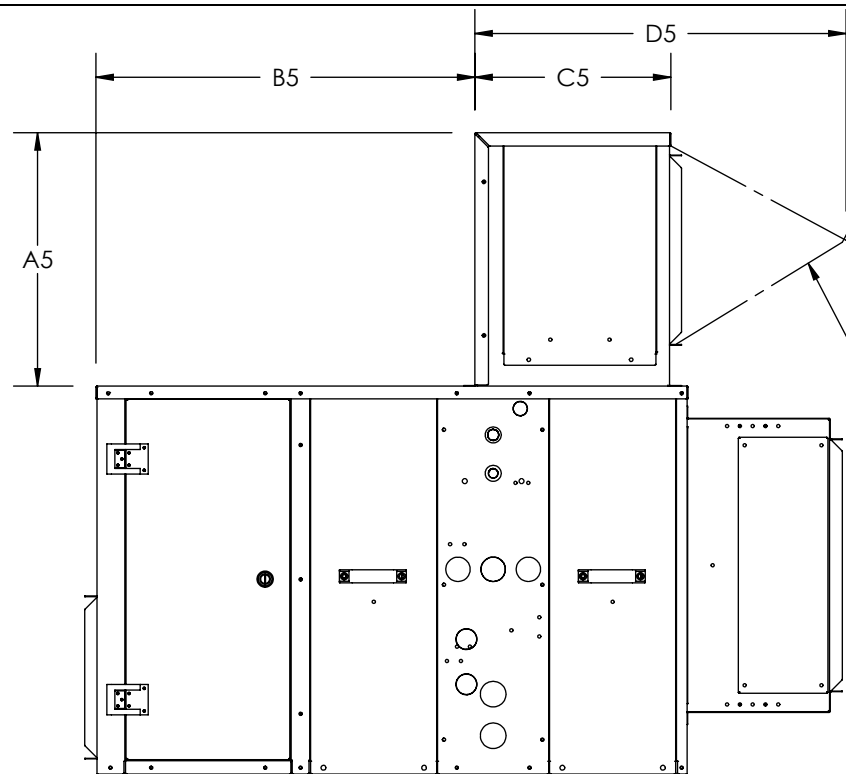
VIEWS SHOWN DEPICT
OUTSIDE AIR
OPTIONS "D" & "F"



NOTE:

OUTSIDE AIR OPTION "N"
(NOT SHOWN)
IS FOR NO OUTSIDE AIR

VIEWS SHOWN DEPICT
OUTSIDE AIR
OPTIONS "T" & "U"



OUTSIDE AIR OPENING DIMENSIONS

CAB	A4	B4	C4	D4
CAB A: LC01	35 7/8	5 7/8	6 1/4	21 7/8
CAB A: LC02				
CAB A: LC03				
CAB B: LC01				
CAB B: LC02				
CAB B: LC03				
CAB B: LC04	48 7/8	5 7/8	11 3/4	21 7/8
CAB B: LC05				
CAB C: LC04				
CAB C: LC05	48 7/8	5 7/8	12 3/4	21 7/8
CAB C: LC06				
CAB C: LC08				
CAB D: LC06	51 3/4	7 7/8	4 5/8	43 7/8
CAB D: LC08				
CAB D: LC10				
CAB D: LC12				
CAB E: LC15	74 3/8			

OUTSIDE AIR BOX DIMENSIONS

UNIT SIZE	A5	B5	C5	D5	E5	F5	G5	H5	I5	J5	
CAB A: LC01	19 7/8	29 7/8	15 3/8	28 5/8	3 1/4	14 7/8	1 7/8	30 1/8	3/8	33 7/8	
CAB A: LC02											
CAB A: LC03											
CAB B: LC01											
CAB B: LC02											
CAB B: LC03											
CAB B: LC04		42 7/8	15 3/8	28 5/8	3 1/4	14 7/8	1 7/8	30 1/8	5 3/4	33 7/8	
CAB B: LC05											
CAB C: LC04											
CAB C: LC05		42 7/8	15 3/8	28 5/8	3 1/4	14 7/8	1 7/8	30 1/8	6 13/16	33 7/8	
CAB C: LC06											
CAB C: LC08											
CAB D: LC06		43 3/4	19 3/8	32 5/8						4 1/16	48 5/16
CAB D: LC08											
CAB D: LC10											
CAB D: LC12											
CAB E: LC15	66 3/8										

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Third Angle Projection

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TOLERANCE ± 1/8"

Part weight
N/A

Drawn CLB	Date Released 11/20/2006	Description OUTSIDE AIR OPTIONS
Sheet 4/4	Page Title EXPERTAIRE G.A. PAGE (4)	
Scale NTS	Rev. 13	Drawing Number EXPERTAIRE GA